

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)					Docket No. AMAT/5017		Serial No. 09/917,842	
LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT					Applicant Chin, et al.		Confirmation No. 3573	
(Use several sheets if necessary)					Filing Date July 27, 2001		Group 1762	
Examiner Unknown								

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U.S. Patent Documents							
*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
ASX	A1	4,058,430	11/15/77	Suntola et al.	156	611	11/25/1975
	A2	4,389,973	06/28/83	Suntola et al.	118	725	12/11/1981
	A3	4,413,022	11/01/83	Suntola et al.	427	255.2	06/21/1979
	A4	4,486,487	12/04/84	Skarp	428	216	04/25/1983
	A5	4,767,494	08/30/88	Kobayashi et al.	156	606	09/19/1986
	A6	4,806,321	02/21/89	Nishizawa et al.	422	245	07/21/1985
	A7	4,829,022	05/09/89	Kobayashi et al.	437	107	12/09/1986
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KEAM 6/2/00

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*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
ASX	✓ B1	01/66832 A2	09/13/2001	WO	C30B	16/44		X
	✓ B2	01/40541 A1	06/07/2001	WO	C23C	16/40		X
	✓ B3	01/36702 A1	05/25/2001	WO	C23C	16/00		X
	✓ B4	01/29893 A1	04/26/2001	WO	H01L	21/768		X
	✓ B5	01/29891 A1	04/26/2001	WO	H01L	21/768		X

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OTHER ART		APR 11 2002	
*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.	
ASX	C1	Hultman, et al., "Review of the thermal and mechanical stability of TiN-based thin films", <i>Zeitschrift Fur Metallkunde</i> , 90(10) (Oct. 1999), pp. 803-813.	
	C2	Klaus, et al., "Atomic Layer Deposition of SiO ₂ Using Catalyzed and Uncatalyzed Self-Limiting Surface Reactions", <i>Surface Review & Letters</i> , 6(3&4) (1999), pp. 435-448.	

Examiner ASX	Date Considered 3/1/02
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Sheet 8 of 11 sheet(s)

U.S. Department of Commerce, Patent and Trademark Office				Docket No.		Serial No.		
(PTO Form 1449 modified)				APPM/5017		09/917,842		
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT				Applicant		Confirmation No.		
(Use several sheets if necessary)				Chin, et al.		3573		
Examiner Unknown				Filing Date		Group		
				July 27, 2001		1762		
Foreign Patent Documents								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
ASX	B121	07-086269	03/13/1995	JP	H01L	21/314	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B122	08-181076	07/12/1996	JP	H01L	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B123	08-245291	09/24/1996	JP	C30B	25/14	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B124	09-260786	10/03/1997	JP	H01S	3/18	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	B135	2000-218445	08/08/2000	JP	B23P	6/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	B139	2000-353666	12/19/2000	JP	H01L	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	B144	2001-217206	08/10/2001	JP	H01L	21/285	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B145	2001-220287	08/14/2001	JP	C30B	25/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B146	2001-220294	08/14/2001	JP	C30B	29/20	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Examiner ASX				Date Considered 3/4/03				
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PTO/SB/08a (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 3 of 4

Complete if Known

Application Number	09/917,842
Filing Date	July 27, 2001
First Named Inventor	Chin, et al.
Art Unit	2125
Examiner Name	Not yet assigned
Attorney Docket Number	5017/ISM/CORE/ MCVD/SB

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
APK	A40	20030224723	1/2/2003	Chihara	2003/0004723
	A41	20030010451	1/16/2003	Tzu, et al.	
	A42	20030022338	1/30/2003	Ruben, et al.	
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	A45	20030057527	3/27/2003	Chung, et al.	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1

of 2

Applicant Number	09/917,842
Filing Date	July 27, 2001
First Named Inventor	Chin, et al.
Group Art Unit	2125
Examiner Name	Kosowski
Attorney Docket Number	5017/ISM/CORE/MCVD
Submission Date	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
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	A26	US-6815285	11/09/2004	Choi, et al.	

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